

**To:** Werner, Lora[Werner.Lora@epa.gov]  
**Cc:** Hamrick, Adam - OSHA[Hamrick.Adam@dol.gov]; Cline, Prentice - OSHA[Cline.Prentice@dol.gov]; Burns, Francis[Burns.Fran@epa.gov]  
**From:** Edens, Mandy - OSHA  
**Sent:** Wed 2/12/2014 10:47:55 PM  
**Subject:** Re: OSHA's Freedom WV analytical results; is it ok to share them with EPA R3?

Let me check with my guys as to whether we have anything . I will get back to you.

----- Original Message -----

From: Werner, Lora [mailto:Werner.Lora@epa.gov]  
Sent: Wednesday, February 12, 2014 11:50 AM  
To: Edens, Mandy - OSHA  
Cc: Hamrick, Adam - OSHA; Cline, Prentice - OSHA; Burns, Francis <Burns.Fran@epa.gov>  
Subject: Re: OSHA's Freedom WV analytical results; is it ok to share them with EPA R3?

Great thank you! Fran, hopefully you/EPA can share EPA's analytical results with OSHA when they are finalized?

Mandy, Adam, and Prent - I started conversations with Frank Hearl at NIOSH this week at EPA's request to see if NIOSH could develop an inhalation occupational exposure limit for 4-MCHM, for an exposure duration of weeks to months (maximum up to one year). The presumed exposed individuals for EPA's need would be environmental workers involved in the remediation of the site. As deconstruction of the storage tanks at the site proceeds, there is the potential for strong odors on site and a concern about related air exposures.

NIOSH asked me to explore if OSHA or MSHA might have any relevant employee exposure information from coal prep plants who use crude MCHM. Since these coal prep plants where crude MCHM is used are often on the mine property, maybe these prep plants are covered by MSHA rather than OSHA? If you think we should explore with MSHA instead and you have a contact over there we could reach out too, I would be very grateful. Frank thought when they use 4-MCHM at these coal prep plants that the process is not closed - he said "you have open frothing bubbling liquid-solid slurries in a big vat or being transferred in an open sluice. The mixture that is used for flotation, by my information, is 95% 4-MCHM. There is likely lots of exposure potential for workers to relatively pure product." So, any available worker health and exposure information would be very helpful to take a look at.

Thank you for the help, very much. Lora

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From: Edens, Mandy - OSHA <Edens.Mandy@dol.gov>  
Sent: Wednesday, February 12, 2014 10:50:56 AM  
To: Werner, Lora  
Cc: Hamrick, Adam - OSHA; Cline, Prentice - OSHA; Burns, Francis  
Subject: Re: OSHA's Freedom WV analytical results; is it ok to share them with EPA R3?

Sure. We just ask that everyone be mindful that these results are part of an open osha inspection. And we would love to see the results that others are getting if possible

----- Original Message -----

From: Werner, Lora [mailto:Werner.Lora@epa.gov]  
Sent: Wednesday, February 12, 2014 09:59 AM  
To: Edens, Mandy - OSHA  
Cc: Hamrick, Adam - OSHA; Cline, Prentice - OSHA; Burns, Francis <Burns.Fran@epa.gov>

Subject: OSHA's Freedom WV analytical results; is it ok to share them with EPA R3?

Hello, Mandy

I am the Regional Director for ATSDR/CDC's Region 3 office in Philadelphia. I sit here at the EPA Region 3 office, hence my confusing email address(es).

I am working closely with EPA R3 and my CDC colleagues on the WV Freedom site response. The EPA R3 lab is also doing analytical work on water and soil samples from the spill site. Would it be ok with you if I shared OSHA's analytical samples with EPA R3 for their reference that you provided my director Dr. Popovic via email on 2/10?

If you would prefer to share directly with EPA R3, I cc'd Fran Burns above. Thank you for considering this request.

Best, Lora

Lora Siegmann Werner, MPH  
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